

DOVE
 SPECULUM ANNI
 OR AN
 ALMANACK
 For the Year of our
 LORD GOD.
 1680.

Being the Bissextile or Leap-year, and
 from the worlds Creation 5683.

Wherein is contained a Chronology, the Planets
 Aspects, Eclip'ses, Terms, Inclination of
 the Air, with other things of note.

Calculated properly for the famous
 University and Town of Cambridge, where
 the North Pole is elevated above the Ho-
 rizon 51 degr. and 17 min.

But may indifferently serve for any place within
 this Kingdom.

Non nobis solum nati sumus.

CAMBRIDGE,
 Printed by John Hayes, Printer to the
 University, 1680.

The vulgar notes and moveable Feasts for
this year 1680. in both accounts, *Viz.*

Julian or English,		Gregorian or Foreign.	
	9	The Golden Number	9
	9	The Cycle of the Sun	9
	9	The Epact	29
	9	The Dominical Letters	GF
Feb.	22	Shrove-sunday	Mar. 3
April	11	Easter-day	Apr. 21
May	20	Ascension-day	May 30
May	30	Whitsunday	June 9
June	6	Trinity Sunday	June 16
Nov.	28	Advent Sunday	Decem. 1

The Terms with their Returns.

Hilary Term begins
January 23, and ends
February 11, and hath
4 returns, viz. { Octab. Hilar. January 20
Quind. Hilar. Jan. 27
Craft. Purif. February 3
Octab. Purif. February 9

Easter Term begins
April 28, and ends
May 24, and hath 5
returns. { Quind. Pasch. April 26
Tres Pasch. May 3
Mens. Pasch. May 10
Quinq. Pasch. May 17
Craft. Ascen. May 21

Trinity Term Begins
June 11, and ends June
30 and hath 4 returns. { Craft Trin. June 7
Octab. Trin. June 14
Quind. Trin. June 21
Tres Trin. June 28

Michael. Term be-
gins October 23, and
ends November 29,
and hath 6 returns. { Tres Mich. Octob. 30
Mens. Mich. Octob. 27
Craft. Anim. November 3
Craft. Mart. November 11
Octab. Mart. November 18
Quind. Mart. November 25

Note that the Exchequer openeth 8 days before any Term, ex-
cept the Term of Trinity, which it openeth but 4 days before.

The Anatomy of Mans body.



The Names and Characters of the twelve Signs.

- | | |
|---------------------------|--------------------------|
| ♈ Aries Head and Face | ♎ Libra Reins and Loyns |
| ♉ Taurus Neck & Throat | ♏ Scorpio Secret members |
| ♊ Gemini Arms and Shoul. | ♐ Sagittarius the Thighs |
| ♋ Cancer Breast and Stom. | ♑ Capricornus the Knees |
| ♌ Leo Heart and Back | ♒ Aquarius the Legs |
| ♍ Virgo Bowels and Belly | ♓ Pisces the Feet. |

The Suns entrance into the four Cardinal Signs.

He enters Aries March 9, 26 min. past 3 afternoon.

He enters Cancer June 10 day at 6 afternoon.

He enters Libra Sept. 12 day, 20 min past 9 beforen.

He enters Capricorn Decemb. 10 at 9 at night.

Note that the bright Planet Venus is our morning Star from the beginning of the year unto the 26 of August at which time making her Conjunction with the Sun, becomes Occidental and our evening Star the remaining part of the year.

Dove 1680.

A brief account of the most remarkable passages which have happened in England since the year, 1640.

Time expired this year 1680.

- 1640 **T**he long Parliament began *Nov. 3.* The Earl of Strafford beheaded *May 12* following.
- 1641 *May 2* the Prince of Orange was married to the Lady Mary. The same year *Oct. 23* the Rebellion in Ireland began.
- 1642 Sir J. Horham denies the King entrance into *Hull*. The Earl of Essex made general for the Parliament. The King setteth up his Standard at *Wallingdon*. The battel at Edge-Hill *October 23*, where above 5000 were slain.
- Brainford Fight *November 13* and *14*.
- 1643 The Lord Brook shot in the eye. The Battel on Hopton-Heath, *March 18* Chesfide-Cross demolished, and an Act passed for an Assembly of Divines to settle Religion, and likewise a vote for a new Great Seal.
- Sir William Waller routed by the Kings forces. The first Battel at Newbury, *September 20*. The Covenant (that Bond of iniquity) taken by the house of Commons, *September 15*.
- 1644 The Scotch-Army of 10000 Horse and Foot entered *England*. Marston-moor fight *July 1*, where above 7000 were slain.
- This year came divers Ambassadors from *France, Holland* and *Spain*, to mediate between the King and Parliament.
- Newbury second Battel, *Oct. 17*. 3 Suns seen in London, *Novemb. 19*.

Sir

Sir Thomas Fairfax made General in the room of
Essen.

1645 The Arch-Bishop of *Cant.* beheaded *Jan. 10.* 35

The Parliament vote that the clause for preservation
of his Majesties person should be left out of Sir *The*
Fairfax his Commission, *March 24.*

Oxford closely besieged, *May 22.*

The fatal Battel at *Maseby*, *June 14.*

Carlisle after a long siege delivered to the Scots.

Bristol surrendred *September 11.* *Routon-Heath* Bat-
tel. *September 24.*

Basing House taken by Storm, *October 14.*

Dartmouth stormed and taken, and *Belvoire-Castle*
surrendred.

His Royal Majesty offered at this time to come to the
Parliament, and advise with them for the good of
the Nation upon reasonable conditions, but they
would not consent to it.

1646 The Earl of *Essen* died *September 14.* 34

The treacherous Scots sold the King to the Parlia-
ment for 400000 pounds.

1647 His Majesty was brought prisoner to *Holmby*, 33
Feb. 27.

The City declares against the Army, but upon the
Armies approach they submit.

1648 The Parliament vote that no further addresses be 32
made to the King, *January 30.*

Part of the Navy declare for the King. *May 27.*

Maidstone fight, *May 31.* The Welch-Army of 8400
routed by Col. *Horton.*

Duke *Hamilton* entred *England* with an Army for his
Majesty. *Colchester* yielded, Sir *Charles Lucas* and
Sir *George Lisle* shot to death, *August 28.*

The Treaty began in the Isle of *Wight*, *Septem-*
ber 18.

An Ordinance nominating divers persons to try
the

- the King *December 18*, being tendred to the Lords
was by them refused.
- 1649 The pretended High Court of Justice proclaimed *January 9*. 31
- His Royal Majesty most barbarously murdered,
Jan. 30.
- 1650 The Kings Statue erected in the Royal Exchange.
broken down by the Usurpers, *August 10*. 30
- A great fight at Dunbar in *Scotland, Septemb. 3*
- 1651 King *Charles II* Crowned at Schoon in *Scotland* 29
Jan. 1.
- The Scotch Army again enter *England, Aug. 8*.
- Worcester fight *Septemb. 3*. 3000 slain and 10000
taken prisoners.
- 1652 A great Sea-fight between the English and Dutch, 28
wherein the Dutch were worsted.
- 1653 The Rump Parliament dissolved by the Army, 27
April 10.
- A second fight between the English and Dutch,
June 2, 3.
- A third fight *July 29* and *30*, wherein *Vonstrump* was
slain.
- 1654 Oliver the Tyrant summond a Parliament, *Sep. 3* 26
and dissolved it again the *12* of *January* following,
he was proclaimed Protector *June 26*.
- 1656 The River of Thames ebbd and flowd twice in 34
hours, *October 3*.
- 1658 Dunkirk surrendered to the English, *June 25*. 22
- Oliver died *September 3*, and the next day his son was
proclaimed Protector.
- 1659 White-hall and Somerset house voted to be sold 11
May 16. Sir George Booth up in *Cheshire, Aug. 1*.
- 1660 The Lord General Monk marcheth from *Scotland* to 10
London.
- The secluded Members restored, *February 11*.
- Admiral *Montague* with the whole Navy submit to his
Ma

Dece 1680.

Majesty, *May 3.* and the 8 his Majesty was proclaimed in *London*, the 25 he landed at *Dover*, and the 29 at *White-hall*.

General Monk created Duke of Albemarle, *July 12.*

The Duke of Gloucester died, *September 13*

About this time many of the Regicides were executed.

The Queen's mother returned to Whitehall, *November 2.*

1661 King Charles II Crowned at *Westminster*, *April 23.* 19

The Queen of *Bohemia* came to *London*, *May 17.*

1662 Queen Katherine landed at *Portsmouth* *May 14.* and 23 the 23 of *Aug.* following she came to *White-hall*.

1664 The House of Commons voted his Majesty a supply 16 of 200000 pounds sterling.

Three Comets appeared in a short time.

1665 The great Plague in *London* began *Apr. 25*, whereof 15 died 100000.

A great fight between the Eng. and Dutch *June 3*, wherein the Dutch were beaten.

The Parliament voted his Majesty a supply of 1250000 pounds, *October 11.*

1666 Another fight between the English and Dutch *June 14* 2, 3, 4. a third fight in *Aug.* following.

The sad fire in *London* which burned within the walls 87 Parishes, & much building without, *Sept. 3, 4, 5, 6.*

1672 War proclaimed against the Dutch, *March 28.* 8

1673 Several sea fights between the English and Dutch. 7

1674 A Peace concluded between the English and Dutch, 9 *Feb. 9.*

The Duke of Monmouth Installed Chancellour of *Camb.* *Septemb. 2.*

1677 The Prince of Orange married to the Lady Mary 3 *Novemb. 4.*

January hath xxxi days,

Full moon 5 day, 7 min. past 10 at night

Last quarter 13 day, 4 min. past 7 at night

New moon 31 day, at 1 afternoon

First quarter 28 day, 21 min. past 8 in the morning.

1	a	Circumcision	Taur.	23	21	19	♂ Stat. ad ret.
2	b	Oct. Stephen	Gem.	8	22	20	Cold and
3	c	Octab. John		22	23	21	cloudy to be-
4	d	2 Sun. 2f. Chr.	Canc.	6	24	22	gin the year
5	e	Timeon		19	25	24	♂ D h 6. a.
6	f	Epiphany	Leo	3	26	25	with snow.
7	g	Julian		16	27	26	□ D 8. a.
8	a	Lucian		29	28	27	(♂ D 8 11.p.
9	b	Marcelline	Virgo	11	29	28	Cold abated.
10	c	Sun in Aqua.		24	0	30	Windy with
11	d	1 aft. Epiph.	Libra	6	1	31	much rain or
12	e	Arcadius		18	2	32	D ♂.
13	f	Hillary Bish.		29	3	33	D Apogzon.
14	g	Felix	Scorp.	11	4	34	fnov.
15	a	Marcellus		23	5	35	
16	b	Marcellus	Sagit.	5	6	36	Turbulent.
17	c	Anthony		18	7	37	weather now
18	d	2 aft. Epiph.	Capr.	0	8	38	about.
19	e	Wolfan		13	9	39	
20	f	Octab. Hilar.		27	10	40	
21	g	Agnes Virg.	Aquar.	11	11	41	
22	a	Vincent M.		25	12	42	
23	b	Term begins	Pise.	9	13	43	♂ Stat. ad dir.
24	c	Timothy B.		23	14	44	Mild tempe-
25	d	Conv. S. Paul	Aries	8	15	45	D ♀.
26	e	Polycarpus		21	16	46	D Perigzon
27	f	Quind. Hilar.	Taur.	6	17	46	rate weather
28	g	Agnes Appi.		20	18	47	♂ h 9 p.
29	a	Gildas Ab.	Gem.	4	19	48	may end the
30	b	R. Char. Mar.		18	20	48	moneth.
31	c	Saturn	Canc.	2	21	49	

Set now projects but weak and oblique beam,
 On our hard frozen and distressed Clime;
 To th' *Antarick* Pole he may seem to haste,
 Yet cold Winter's dreggs we must surely taste.

January 1680.

18	4	3	56
28	3	3	57
38	2	3	58
48	0	4	0
57	59	4	1
67	58	4	2
77	57	4	3
87	55	4	5
97	54	4	6
107	52	4	8
117	51	4	9
127	50	4	10
137	48	4	12
147	47	4	13
157	46	4	14
167	45	4	15
177	44	4	16
187	42	4	18
197	40	4	20
207	38	4	22
217	36	4	24
227	34	4	26
237	32	4	28
247	30	4	30
257	28	4	32
267	26	4	34
277	24	4	36
287	22	4	38
297	20	4	40
307	18	4	42
317	16	4	44

February hath xxix days.

Full moon the 4 day, 48 min. past 1 afternoon
 Last quarter the 12 day, 13 min. past 5 in the afternoon.
 New moon 20 day, 53 min. after 12 in the morning
 First quarter the 26 day, 40 min. past 4 afternoon.

M.D.	W.D.	Festival days with Terms	Moons place.	Su. pl. d. m.	Inclination of the air.
1	D	4 aft. Epiph.	Canc. 15	22 50	Warm for the
2	E	Purification	29	23 51	season and so
3	F	Craft. Purif.	Leo 12	24 51	♂♂ ☉ 5. p.
4	G	Gilbertus	25	25 52	like to con-
5	A	Agatha M.	Virgo 7	26 52	♀ elong. à ☉.
6	H	Dorothy M.	20	27 53	tinues for
7	C	Rumwald	Libra 2	28 53	a while.
8	D	Septuagesima	14	29 54	☽ ☿.
9	E	☉ in x. Oct. p.	26	0 54	Windy with
10	F	Scholasticz	Scorp. 7	1 55	storms of hail
11	G	Bother	19	2 55	
12	A	Term ends	Sagit. 1	3 55	Δ h ♂ 5. a.
13	B	Agabus	13	4 56	
14	C	Valentine	26	5 56	* ♄ ☉ 13. p.
15	D	Sexagesima	Capr. 8	6 56	Warm for
16	E	Julianus	21	7 57	the season.
17	F	Constant	Aquar. 5	8 57	
18	G	Concordia	19	9 57	* ♄ ♂ 7. p.
19	A	Sabine	Pisces 3	10 57	Frost may
20	B	Mildred, vir.	18	11 57	now be expe-
21	C	Elmbert	Aries 3	12 57	☽ ☿.
22	D	Quinquagesi.	18	13 57	h Stat. ad di.
23	E	Polycarpus	Taur. 2	14 57	cted though
24	F	Shr. tuesd. fast	17	15 57	of no conti-
25	G	S. Matt. Ash.	Gem. 1	16 57	nuance.
26	A	Micassin	15	17 57	
27	B	Frostunatus	29	18 57	Δ h ♀ 13. p.
28	C	Oswald Bish.	Canc. 12	19 57	Cold, sharp,
29	D	1 Sun. in Lent	25	20 56	windy weak.

Bright *Phœbus* now with warmer beam doth rise,
 Thawing the sturdy rocks o' th' crufted ice;
 But quite to conquer being unable,
 The earth's distress'd, the sky weeps in fable.

February 1680.

1	7	14	4	46
2	7	12	4	48
3	7	10	4	50
4	7	8	4	52
5	7	6	4	54
6	7	4	4	56
7	7	2	4	58
8	7	0	5	0
9	6	59	5	1
10	6	57	5	3
11	6	55	5	5
12	6	54	5	6
13	6	52	5	8
14	6	50	5	10
15	6	48	5	12
16	6	46	5	14
17	6	44	5	16
18	6	42	5	18
19	6	40	5	20
20	6	38	5	22
21	6	36	5	24
22	6	34	5	26
23	6	32	5	28
24	6	30	5	30
25	6	28	5	32
26	6	26	5	34
27	6	24	5	36
28	6	22	5	38
29	6	20	5	40

March hath xxxi days.

Full moon 5 day, 56 min. past 5 in the morning
 Last quart. 13 day, 24 min. past 11 in the morning
 New moon 20 day, 44 min. past 10 in the morning
 First quarter 27 day, 14 min. past 3 in the morning.

1	D	Davids Bish.	Leo	8	31	56	Windy sea-
2	D	Chas Bish.		21	22	56	sonable wea-
3	F	Ember week	Virgo	4	23	56	ther.
4	G	Julian		16	24	55	
5	A	Eusebius		28	25	55	D ☉.
6	H	Frederick	Libra	10	26	54	
7	C	1 Sun. in lent		22	27	54	
8	D	Mauritian	Scorp.	4	28	53	
9	E	40 Martyrs		16	29	53	
10	F	Sun in Aries		28	0	52	Cold cloudy
11	G	Gregory	Sagit	10	1	52	☐ h ☉ 7. p.
12	A	Oswin		22	2	51	☿ ☽ ♀ 4.2.
13	H	Wigan	Capr.	4	3	50	dark weather
14	C	3 sund. in lent		16	4	50	mixt with rain
15	D	Kongius		29	5	49	or snow.
16	E	Alrebe Ab.	Aquar.	13	6	48	
17	F	Patrick		27	7	47	
18	G	Edward B.	Pisces	11	8	46	
19	A	Joseph		26	9	45	☿ ☉ ♀. 14. p.
20	H	Rupertus	Aries	11	10	44	High winds
21	C	Midlent Sun.		26	11	43	cold and boi-
22	D	Sophodinus	Taur.	11	12	42	sterous wea-
23	E	Theodore		26	13	41	ther.
24	F	Matrin fast.	Gem.	11	14	40	Cold abated
25	G	Annunciation		25	15	39	but tem-
26	A	Casuals	Cant.	9	16	38	perkuous.
27	H	Frederick		21	17	37	
28	C	5 Sun. in Len.	Leo	5	18	36	
29	D	Enoch		15	19	34	
30	E	Patrone B.	Virgo	0	20	33	Variable.
31	F	Enide		13	21	32	* h ☽ 6.2.

To th' midst of heavens belt when *Sol* doth ride,
 The North and South with light equally do pride;
 And now seeing in higher sky he's born,
 The pleasant green old *Hymen's* threats doth scorn.

March 1680.

1	6	18	5	42
2	6	16	5	44
3	6	14	5	46
4	6	12	5	48
5	6	10	5	50
6	6	8	5	52
7	6	6	5	54
8	6	4	5	56
9	6	2	5	58
10	6	0	6	0
11	5	58	6	2
12	5	56	6	4
13	5	54	6	6
14	5	52	6	8
15	5	50	6	10
16	5	48	6	12
17	5	46	6	14
18	5	44	6	16
19	5	42	6	18
20	5	40	6	20
21	5	38	6	22
22	5	36	6	24
23	5	34	6	26
24	5	32	6	28
25	5	30	6	30
26	5	28	6	32
27	5	26	6	34
28	5	24	6	36
29	5	22	6	38
30	5	20	6	40
31	5	18	6	42

April hath xxx days.

Full moon 3 day, 29 min. past 11 at night
 Last quarter 12 day, 40 min. after 12 in the morning
 New moon 18 day, 56 min. past 6 at night
 First quarter, 25 day, 10 min. past 1 in the afternoon.

1	B	Conv. M. Mag.	Virgo	25	22	30	
2	a	Francis C.	Libra	7	23	29	☿ h d. ☿ ☿ d.
3	b	Richard B.		19	24	27	Warm show-
4	C	Palm Sunday	Scorp.	1	25	26	Apogron d
5	d	Vincent		13	26	24	ers at the
6	e	Egeſippus		25	27	23	beginning.
7	f	Celeſtine	Sagit	6	28	21	High winds
8	g	Dyonisius		18	29	20	with storms
9	a	Good Friday	Capr.	1	08	18	☿ h d
10	b	Eſchillus		13	1	16	△ ☿ d
11	C	Eaſter day		25	2	15	of hail.
12	d	Juſtus	Aquir.	8	3	13	
13	e	Ciburtius		22	4	11	
14	f	Olympia	Piſc.	5	5	9	
15	g	Tran. Ofwald		20	6	7	☿ Elong.
16	a	Iadoze	Aries	4	7	6	Max. a ☉.
17	b	Anicetus M.		19	8	4	Wet and cold.
18	C	Low Sunday	Taur.	5	9	2	Perigron d
19	d	Alphege		20	10	0	
20	e	Ceadwald	Gem.	5	10	58	
21	f	Almeon		19	11	56	
22	g	Bother	Canc.	4	12	54	☿ h d
23	a	S. George		18	13	52	Cold and dry
24	b	Albertus	Leo	2	14	49	with little
25	C	S. Mar. Evan.		15	15	47	alteration to
26	d	Quind. Paſc.		27	16	45	the end.
27	e	Walburg	Virgo	10	17	43	☿ Stat. ad R.
28	f	Ternabegius		22	18	41	
29	g	Peter Mart.	Libra	4	19	38	
30	a	Erkenwald		16	20	36	☿ ☿ d

The swelling clouds now big with tepid dew,
 Gently distill, and change the Winters hue,
 O' th' languid Earth who in her womb contains,
 The copious crops of all fruitful grains.

1	5	16	6	44	
2	5	14	6	45	
3	5	12	6	48	
4	5	10	6	50	
5	5	8	6	52	
6	5	6	6	54	
7	5	4	6	56	
8	5	2	6	58	
9	5	0	7	0	
10	4	58	7	2	
11	4	56	7	4	
12	4	54	7	6	
13	4	52	7	8	
14	4	50	7	10	
15	4	48	7	12	
16	4	46	7	14	
17	4	44	7	16	
18	4	43	7	17	
19	4	41	7	19	
20	4	39	7	21	
21	4	38	7	22	
22	4	36	7	24	
23	4	39	7	25	
24	4	33	7	27	
25	4	32	7	28	
26	4	30	7	30	
27	4	28	7	32	
28	4	26	7	34	
29	4	23	7	36	
30	4	22	7	37	

April 11 680.

May hath xxxi days.

Full moon 3 day, 43 min. past 3 afternoon
 Last quarter 11 day, 53 min. past 10 before noon
 New moon 18 day, 16 min. past 2 in the morning
 First quarter 25 day, 31 min. past 2 in the morning.

1	b	Phil. & Jac.	Libra	28	21	34	♂♂D. ♂♀D
2	c	3 Sun. af. East.	Scorp.	10	22	31	△ h D
3	d	Tres Pasch.		22	23	29	♂ ♀ D
4	e	Monica	Sagit	3	24	27	Warm with
5	f	Eligbe		15	25	24	thunder.
6	g	Joh. Port. Lar.		28	26	22	
7	a	John of Bev.	Capr.	10	27	20	♂ ⊙ ♀ 4. p.
8	b	Apparit. Mich.		12	28	17	
9	c	4 Sun. af. East.	Aquar.	5	29	15	Some altera-
10	d	Sun in Gem.		18	01	12	tion may now
11	e	Anthony	Pisc.	1	1	9	be expected.
12	f	Gordian		15	2	7	
13	g	Herbasus		29	3	4	D U:
14	a	Boniface M.	Aries	13	4	2	
15	b	Sophia		28	4	59	Fine warm
16	c	Regation Sun.	Taur.	13	5	57	showers.
17	d	Quinq. Pasch.		28	6	54	
18	e	Schola Bif.	Gem.	13	7	51	
19	f	Bernard		28	8	49	
20	g	Ascens. day	Canc.	13	9	46	Hot with
21	a	Craft. Ascen.		27	10	43	♂ Seat. ad di.
22	b	Adelme	Leo	10	11	40	thunder.
23	c	Sun. aft. Asc.		23	12	38	
24	d	Term ends	Virg.	6	13	35	
25	e	Urban		19	14	32	△♂D:△♀D
26	f	Justin B. C.	Libra	1	15	29	D A.
27	g	Beda ven.		13	16	27	♂♂♀ o.
28	a	Jonas Ab.		25	17	24	Wet showry
29	b	R. Char. 2 N.	Scorp.	6	18	21	weather.
30	c	Whitunday		18	19	18	Seasonable
31	d	Metronella	Sagit.	0	20	15	now.

See see dame *Tellus* in a comely dress,
 Neatly stuff with flowers her bosome is :
 The pretty birds sweet tunes do contribute,
 To see the fields clad with so gay a suite.

May 1680.

1	4	22	7	38
2	4	27	7	39
3	4	19	7	41
4	4	17	7	43
5	4	16	7	44
6	4	14	7	46
7	4	13	7	47
8	4	11	7	49
9	4	9	7	51
10	4	7	7	53
11	4	6	7	54
12	4	5	7	55
13	4	4	7	56
14	4	2	7	58
15	4	1	7	59
16	4	0	8	0
17	3	59	8	1
18	3	58	8	2
19	3	57	8	3
20	3	56	8	4
21	3	55	8	5
22	3	54	8	6
23	3	53	8	7
24	3	52	3	8
25	3	51	8	9
26	3	50	8	10
27	3	49	8	11
28	3	48	8	12
29	3	47	8	13
30	3	46	8	14
31	3	46	8	14

B

June hath xxx days.

Full moon the 2 day, 27 min. past 6 in the morning
 Last quarter the 9 day, 16 min. past 6 at night
 New moon the 16 day, 21 min. past 9 in the morning
 First quarter the 23 day, 2 min. past 6 at night.

1	e	Damphilus	Sagit.	12	21	13	Good season-
2	f	Ember week		24	22	10	able weather
3	g	Marcelline	Capr.	7	23	7	♂ h d
4	a	Petroch		19	24	4	△ ♀ d. △ ♂ d
5	b	Boniface	Aquar.	2	25	1	begins the
6	c	Trinity Sund.		15	25	58	month.
7	d	Craft. Trin		28	26	55	□ ♀ d. □ ♂ d
8	e	William Bish.	Pisces	11	27	52	□ ♀ d. □ ♂ d
9	f	Helagia		25	28	49	Gentle show-
10	g	Corp. Christi	Aries	9	29	46	ers.
11	a	S. Barnabas	Term be.	0	30	43	Hot with
12	b	Blandine	Taur.	7	1	40	thunder but
13	c	1 sun. af. Trin.		22	2	37	♂ ♀ d
14	d	Octab. Trin.	Gem.	7	3	35	seasonable.
15	e	Modestus		22	4	32	
16	f	Richard	Canc.	6	5	29	
17	g	Wotolph		21	6	26	
18	a	Marcus	Leo	5	7	23	
19	b	Gerbasus		18	8	20	Very hot and
20	c	2 Sun. af. Trin.	Virg.	2	9	17	dry.
21	d	Quind. Trin.		14	10	14	
22	e	Siben		27	11	11	D. ♂ d.
23	f	Prasoltn	Libra	9	12	8	♂ h ♂ 6. p.
24	g	S. John Bapt.		22	13	5	Heat abated
25	a	Roy Bishop	Scorp.	3	14	2	but high wind
26	b	Joh. & Paul		15	14	59	with showers.
27	c	3 Sun. af. Trin.		26	15	56	
28	d	Tref. Trin.	Sagit.	8	16	53	♂ h ♀ 12. p.
29	e	S. Peter Apo.		21	17	50	
30	f	Terat ends	Capri.	3	18	48	

Furiouſly now doth *Phæbus* mount on high,
 I'th' Crabb-fiſh appearing with majeſty;
 Turns the pleaſant green into witherd hay,
 Which bids the Mower time not to delay.

June 1680.

1	3	45 8	14
2	3	45 8	15
3	3	45 8	15
4	3	45 8	15
5	3	44 8	16
6	3	44 8	16
7	3	44 8	16
8	3	43 8	17
9	3	43 8	17
10	3	43 8	17
11	3	43 8	17
12	3	43 8	17
13	3	43 8	17
14	3	43 8	17
15	3	43 8	17
16	3	44 8	16
17	3	44 8	16
18	3	44 8	16
19	3	45 8	15
20	3	45 8	15
21	3	45 8	15
22	3	46 8	14
23	3	46 8	14
24	3	46 8	14
25	3	47 8	13
26	3	47 8	13
27	3	48 8	12
28	3	49 8	11
29	3	50 8	10
30	3	51 8	9

July hath xxxi days.

Full moon 1 day, 29 min. past 7 at night
 Last quarter 9 day, 1 min. after 12 in the morning
 New moon 15 day, 29 min. past 6 at night
 First quarter 23 day, 14 min. past 11 before noon
 Full moon 31 day, 11 min. past 7 in the morning.

1	B	Bomswald B.	Capr.	16	19 45	S h D
2	a	Visit Mary		29	20 42	Wet weather
3	b	Placinius	Aquar.	12	21 39	Δ P D
4	C	4 Sun. af. Trin.		25	22 36	☿ P D. Δ δ D
5	D	Ancelmus	Pisces	8	23 33	and not very
6	E	Merburgara		22	24 30	hot.
7	F	Demetrius	Aries	6	25 28	D ♀.
8	G	Gambold A.		20	26 25	Heavy showers
9	a	Edilburg	Taur.	4	27 22	now and then
10	b	Sev. Brethren		18	28 19	bad for har-
11	C	5 Sun. af. Trin.	Gem.	2	29 16	vest.
12	D	Sun in Leo		16	0 14	
13	E	Inacletus	Canc.	1	1 11	
14	F	Benabent.		15	2 8	♂ h D
15	G	Swithin B.		29	3 5	
16	a	Osmond	Leo	13	4 3	* P D
17	b	Blestus		26	5 0	
18	C	6 Sun. af. Trin.	Virg.	10	5 57	
19	D	Dog days be.		22	6 54	Temperate
20	E	Margaret	Libra	5	7 52	D ♀.
21	F	Daniel		17	8 49	now.
22	G	Warp Mag.		29	9 47	D Apogron.
23	a	Spollinaris	Scorp.	11	10 44	* ♂ ♀ 7. 2.
24	b	Christina fa.		23	11 41	
25	C	S. James Ap.	Sagit.	4	12 39	
26	D	Inna		16	13 36	
27	E	Pantaleon		29	14 34	
28	F	Celsus	Capr.	11	15 31	windy and
29	G	Martha		24	16 29	very uncer-
30	a	Abdon	Aquar.	7	17 26	Δ δ D. ♂ ♀ D
31	b	Ignatius		20	18 24	rain with rain

Gallant *Phabus* now Heavens brightest torch,
 The fragrant fields with fervent heat doth scorch,
 Who now the jolly Reapers do invite,
 Their pains to bestow *Ceres* will requize.

July 1680.

1	3	53	8	7
2	3	54	8	6
3	3	55	8	5
4	3	56	8	4
5	3	57	8	3
6	3	58	8	2
7	3	59	8	1
8	4	0	8	0
9	4	1	7	59
10	4	3	7	57
11	4	4	7	56
12	4	5	7	55
13	4	7	7	53
14	4	8	7	52
15	4	10	7	50
16	4	11	7	49
17	4	13	7	47
18	4	15	7	45
19	4	17	7	43
20	4	19	7	41
21	4	21	7	39
22	4	22	7	38
23	4	24	7	36
24	4	26	7	34
25	4	27	7	33
26	4	29	7	31
27	4	30	7	30
28	4	32	7	28
29	4	33	7	27
30	4	35	7	25
31	4	37	7	23

August hath xxxi days:

Last quarter 7 day, 17 min. past 5 in the morning
 New moon 14 day, 28 min. past 5 in the morning
 First quarter 22 day, 50 min. past 2 in the morning
 Full moon 29 day, 54 min. past 5 in the afternoon.

1	C	Lammas day	Pisces	4	19	31	A clear tem-
2	D	Stephen M.		18	20	19	△ h D. □ ♀ D.
3	E	Invent. Steph	Aries	2	21	17	perate air at
4	F	Bristarchus		16	22	14	☐ ♂ D. D ♀
5	G	Oswald	Taur.	0	23	12	the beginning.
6	A	Trans. Chr.		14	24	10	
7	H	Donatus		28	25	7	
8	C	9 aft. Trin.	Gem.	12	26	5	♂ ♂ D.
9	D	Romanus		26	27	3	Seasonable.
10	E	Reference	Canc	10	28	1	
11	F	Citus		24	28	59	
12	G	Alare Virg.	Leo	8	29	57	
13	A	Sun in Virgo		22	01	54	
14	H	Eusebius	Virg.	5	1	52	
15	C	10 aft. Trin.		18	2	50	
16	D	Roch M.	Libra	0	3	48	D ♀.
17	E	Hammer		13	4	46	Moist and
18	F	Helena Emp.		25	5	44	temperate.
19	G	Osbalde	Scorp.	7	6	42	♂ h ♂ o.
20	A	Bernard		19	7	41	
21	H	Richard Bif.	Sagit.	0	8	39	
22	C	11 aft. Trin.		12	9	37	
23	D	Jaehens fast		24	10	35	Good weather
24	E	S. Barthol.	Capr.	7	11	33	may end the
25	F	Alwys King		19	12	32	month.
26	G	Arcturus	Aquar.	2	13	30	♂ ☉ ♀ o.
27	A	Dog days end		15	14	28	☐ ♀ 12 p.
28	H	Wognans		29	15	27	
29	C	12 aft. Trin.	Pisces	13	16	25	△ h D. □ ♀ D.
30	D	Felix		27	17	23	△ ♂ D. D ♀
31	E	Abbas	Aries	13	18	22	

Now set apace declines your labour follow,
 Or when Winter's come you'll toil in sorrow:
 And as with merry glee the welcome Cart you drive,
 Remember Him who doth this plenty give.

August 1680.

1	4	38	7	22
2	4	39	7	21
3	4	41	7	19
4	4	43	7	17
5	4	44	7	16
6	4	46	7	14
7	4	48	7	12
8	4	50	7	10
9	4	52	7	8
10	4	54	7	6
11	4	56	7	4
12	4	58	7	2
13	5	0	7	0
14	5	2	6	58
15	5	4	6	56
16	5	6	6	54
17	5	8	6	52
18	5	10	6	50
19	5	12	6	48
20	5	14	6	46
21	5	16	6	44
22	5	18	6	42
23	5	20	6	40
24	5	22	6	38
25	5	24	6	36
26	5	26	6	34
27	5	28	6	32
28	5	30	6	30
29	5	32	6	28
30	5	34	6	26
31	5	36	6	24

September hath xxx days.

Last quarter 5 day, 54 min. past 10 in the morning
 New moon 12 day, at 21 min. past 7 at night
 First quarter 20 day, 54 min. past 10 at night
 Full moon 28 day, 51 min. past 3 in the morning.

1	f	Stiles Abbot	Aries	26	19 20	Tempestuous
2	g	Heraphia	Taur.	11	20 19	but continues
3	a	Lupus		25	21 18	* h p. * d d
4	h	Trans. Cuthb.	Gem.	9	22 16	not long.
5	e	13 aft. Trin.		23	23 15	
6	d	Magnus	Canc.	7	24 13	
7	e	Trans. Dunst.		21	25 12	
8	f	Nat. of Mary	Leo	4	26 11	
9	g	Gorgonius		18	27 10	♂ ☉ ♀ 8. m.
10	a	Nicholas	Virgo	1	28 8	very uncer-
11	h	Jacynthus		14	29 7	☿ ♀ D
12	e	Sun in Libra		26	0 6	rain moist
13	d	Amatus	Libra	9	1 5	weather.
14	e	Exalt. Crucis		21	2 4	
15	f	Ember week	Scorp.	3	3 3	Windy with
16	g	Cornelius		15	4 2	warm rain,
17	a	Stephen		27	5 1	♀ Star. ad Dir.
18	h	Winock	Sagit.	9	6 0	
19	e	15 aft. Trin.		10	6 59	☿ ♀ D
20	d	Enstachus	Capr.	2	7 59	
21	e	S. Matthew		15	8 58	
22	f	Maurice		27	9 57	
23	g	Linus	Aquar.	10	10 56	
24	a	Winebold		23	11 56	
25	h	Colfride	Pisc.	7	12 55	♂ Star. ad re.
26	e	16 aft. Trin		21	13 55	☐ h ♀ 4 p.
27	g	Cos. & Dam.	Aries	5	14 54	D ☿.
28	e	Aloba		20	15 53	Cold appra-
29	f	St. Mich. Arch.	Taur.	5	16 53	ches now.
30	g	St. Hierome		20	17 53	

Set now i'th' Ballance equall light doth give
 To all on each side, and that under live;
 Then as of his equall ray you partake,
 Remember equity not to forsake.

September 1680.

1	5	38	6	22
2	5	40	6	20
3	5	42	6	18
4	5	44	6	16
5	5	46	6	14
6	5	48	6	12
7	5	50	6	10
8	5	52	6	8
9	5	54	6	6
10	5	56	6	4
11	5	58	6	2
12	6	0	6	0
13	6	2	5	58
14	6	4	5	56
15	6	6	5	54
16	6	8	5	52
17	6	10	5	50
18	6	12	5	48
19	6	14	5	46
20	6	16	5	44
21	6	18	5	42
22	6	20	5	40
23	6	22	5	38
24	6	24	5	36
25	6	26	5	34
26	6	28	5	32
27	6	30	5	30
28	6	32	5	28
29	6	34	5	26
30	6	36	5	24

October hath xxxi days.

Last quarter 4 day, 50 min. past 6 afternoon
 New moon 12 day, 54 min. past 11 beforenoon
 First quarter 20 day, 36 min. past 3 afternoon
 Full moon 27 day, 40 min. past 1 afternoon.

1	a	Remigius	Gem.	5	18	52	
2	b	Aedegar		20	19	52	♂ ♀ D. * ♂ D
3	c	17 Su. af. Trin.	Canc.	4	20	51	High winds
4	d	Francis		18	21	51	and turbulent.
5	e	Blacidus	Leo	1	22	51	☐ h ○ 6. m.
6	f	Bruno		15	23	51	
7	g	Mark		28	24	50	Cold cloudy
8	a	Demetrius	Virg.	10	25	50	weather
9	b	Dionysius		23	26	50	
10	c	18 Su. af. Trin.	Libra	5	27	50	D ♀.
11	d	Picatus		18	28	50	☐ h D. * D ♂
12	e	Wilfrid		29	29	50	☐ h ♀ 5. m.
13	f	Sun in Scorp.	Scorp.	11	cm	50	Winterlike
14	g	Calixtus		23	1	50	weather
15	a	Ceresa	Sagit.	5	2	50	creeps on a-
16	b	Gallus		17	3	50	pace.
17	c	19 Su. af. Trin.		29	4	50	
18	d	S. Luke Evan.	Capr.	11	5	50	
19	e	Ptolomp		23	6	51	
20	f	Tref. Mich.	Aqua.	6	7	51	
21	g	Hilarton		18	8	51	
22	a	Cordula	Pisc.	1	9	51	
23	b	Term begins		15	10	52	D ♀.
24	c	20 aft. Trin.		29	11	52	☐ ♂ ♀ 7. p.
25	d	Crispine	Aries	13	12	53	♂ ○ ♀ 10. m.
26	e	Charistus		28	13	53	Very wet and
27	f	Menc. mich. fa.	Taur.	13	14	53	slabby to the
28	g	Sim. & Jude		29	15	54	end.
29	a	Amaranthus	Gem.	14	16	54	
30	b	Agelnoth		29	17	55	
31	c	21 Su. af. Trin.	Canc.	14	18	56	Δ h ♀ 10. p.

Set now with's gallant train in haste doth march,
 To visit the plains of the Southern-arch:
 His absence now we may with grief bewail,
 And fear the threats of *Scorpio's* stinging tail.

October 1680.

1	6	32	5	21
2	6	41	5	19
3	6	43	5	17
4	6	45	5	15
5	6	47	5	12
6	6	49	5	11
7	6	50	5	10
8	6	52	5	8
9	6	54	5	6
10	6	56	5	4
11	6	58	5	2
12	7	0	5	0
13	7	2	4	58
14	7	4	4	56
15	7	6	4	54
16	7	8	4	52
17	7	10	4	50
18	7	12	4	48
19	7	14	4	45
20	7	15	4	45
21	7	17	4	43
22	7	19	4	41
23	7	20	4	40
24	7	22	4	38
25	7	24	4	36
26	7	26	4	35
27	7	27	4	33
28	7	29	4	31
29	7	30	4	30
30	7	32	4	28
31	7	33	4	27

November hath xxx days.

Last quarter 3 day, 5 min. past 6 in the morning
 New moon 11 day, 30 min. past 6 in the morning
 First quarter 19 day, 21 min. past 6 in the morning
 Full moon 25 day, 35 min. past 11 at night.

1	D	All Saines	Canc.	28	19 56	♂ h D
2	E	All Soules	Leo	11	20 57	Sharp air
3	F	Craft. anim.		25	21 57	with frost.
4	G	Utralis	Virg.	7	22 58	☐ ♀ D. ♂ ♂ D
5	A	Powder pie		20	23 59	☐ ♀ D D ♂
6	H	Leonard	Libra	2	25 0	♂ ♀ ? 3. p.
7	C	21 Su. af. Trin.		14	26 0	
8	D	Sebergs		25	27 1	Windy stormy
9	E	Clauding	Scorp.	8	28 2	weather.
10	F	Erifhon		20	29 2	
11	G	Sun in Sagit.	Sagit.	2	0 7 4	
12	A	Craft. Mart.		14	1 5	
13	H	Williamus		26	2 6	♂ ♀ ? 3. p.
14	C	23 Su. af. Trin.	Capr.	8	3 7	
15	D	Reopold		20	4 7	Cold winter-
16	E	Edmond	Aquar.	2	5 8	like.
17	F	Clement		15	6 10	
18	G	Octab. Mart.		28	7 11	
19	A	Pontion	Pisces	11	8 12	
20	H	Edmond K.		24	9 13	D ♂.
21	C	24 after Trin.	Aries	8	10 14	
22	D	Cleely Virg.		22	11 15	♂ ☉ ♀ 3. p.
23	E	Clement	Taur.	7	12 16	
24	F	Chylogonus		22	13 17	
25	G	Quind. Mart.	Gem.	7	14 18	♂ ♀ D
26	A	Peter B. M.		22	15 19	High winds
27	H	Oba Virg.	Canc.	7	16 20	but not very
28	C	Advent Sund.		22	17 22	cold.
29	D	Term ends	Leo	6	18 23	
30	E	S. Andrew		20	19 24	

Sagittarius now his darts doth throw,
 Headed with Ice, and feathered with Snow;
 His cold sharp arrows make us fear and quake,
Vulcan's cheering presence loath to forsake.

November 1680.

1	7	35	4	25
2	7	37	4	23
3	7	39	4	21
4	7	41	4	19
5	7	43	4	17
6	7	45	4	15
7	7	47	4	13
8	7	49	4	11
9	7	51	4	9
10	7	52	4	8
11	7	54	4	6
12	7	55	4	5
13	7	57	4	3
14	7	59	4	2
15	8	0	4	0
16	8	1	3	59
17	8	2	3	58
18	8	3	3	57
19	8	4	3	56
20	8	5	3	55
21	8	6	3	54
22	8	7	3	53
23	8	8	3	52
24	8	9	3	51
25	8	10	3	50
26	8	11	3	49
27	8	12	3	48
28	8	12	3	48
29	8	13	3	47
30	8	14	3	46

December hath xxxi days.

Last quarter 2 day, 16 min. past 9 at night
 New moon 11 day, 17 min. past 2 in the morning
 First quarter 18 day, 44 min. past 6 at night
 Full moon 25 day, 11 min. past 10 in the morning.

1	f	Bibiana	Virgo	4	20 25	☿ ♀ D
2	B	Lucius King		17	21 26	♂ ♂ D
3	a	Cassianus		29	22 28	D ♀.
4	b	Barbara	Libra	11	23 29	Warm for the
5	C	1 fund. Adv.		23	24 30	season.
6	d	Nicholas	Scorp.	5	25 31	Dark cloudy
7	e	Ambrose		17	26 33	Δ h D
8	f	Conce. of M.		29	27 34	♂ ♀ D
9	B	Leocadia	Sagit.	11	28 35	weather with
10	a	Damascus		22	29 37	snow or rain.
11	b	Sun in Capri.	Capr.	5	0 38	
12	C	3 sun. in Ad.		17	1 39	
13	d	Lucia		29	2 41	Variable un-
14	e	Abraham	Aqua.	12	3 42	certain wea-
15	f	Ember week		25	4 43	ther.
16	B	O Sapientia	Pisces	7	5 44	♀ Scat. ad Di.
17	a	Ezraus		20	6 46	
18	b	Winebald	Aries	4	7 47	
19	C	4 sun. in Ad.		18	8 48	D ♀
20	d	Valens fast	Taur.	2	9 50	Δ ♀ ♀ 5. 1.
21	e	S. Thomas		16	10 51	
22	f	30 Martyrs	Gem.	1	11 52	Rain like.
23	B	Elizabet		15	12 54	
24	a	Ad. & C. fast	Canc.	0	13 55	
25	b	Christ's birth		16	14 56	
26	C	S. Stephen	Leo	0	15 58	Cold and
27	d	S. John		15	16 59	frosty.
28	e	Innocents		29	18 0	
29	f	Crescens	Virgo	12	19 1	♂ h ☉ 13. p.
30	B	David K.		25	20 3	D ♀.
31	a	Willelmer.	Libra	8	21 4	

But little cheering heat now can we find,
 From Sol's warm ray, being so far declin'd ;
 The Southern throng now glowing heat enjoy
 Whil'tt we for cold on sloathfull beds do lie.

December 1680.

1	8	14	3	46
2	8	14	3	46
3	8	15	3	45
4	8	15	3	45
5	8	15	3	45
6	8	16	3	44
7	8	16	3	44
8	8	16	3	44
9	8	17	3	43
10	8	17	3	43
11	8	17	3	43
12	8	17	3	43
13	8	17	3	43
14	8	17	3	43
15	8	17	3	43
16	8	16	3	44
17	8	16	3	44
18	8	16	3	44
19	8	15	3	45
20	8	15	3	45
21	8	15	3	45
22	8	14	3	46
23	8	14	3	46
24	3	13	3	47
25	3	12	3	48
26	3	11	3	49
27	3	10	3	50
28	3	9	3	51
29	3	8	3	52
30	4	7	3	53
31	3	6	3	54

A Regal Table in a more exact manner.

The Year, Moneth, and Day, (accounting the Year to be- gin Jan. 1.) whereon every K. and Q. of Eng. since the Conq. began their reign.			The number of Years, Moneths, & Days, that eve- ry K. & Q. reign. 18 da. to a mon.			The num. of y. expired in this y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	20 y	11 m	22 d	614		
W. Rufus	1087	Sept. 9	12 y	11 m	18 d	593	W Conq.	
Henry	1100	August 2	35 y	4 m	11 d	580	W. Rufus	
Stephen	1134	Decem. 1	18 y	11 m	18 d	545	Henry	1
Henry	1154	Octob. 25	34 y	9 m	2 d	526	Stephen	
Richard	1189	July 6	9 y	9 m	0 d	491	Henry	2
John	1199	April 6	17 y	7 m	0 d	481	Richard	1
Henry	1216	Octob. 19	56 y	1 m	0 d	454	John	
Edward	1272	Nov. 16	34 y	8 m	6 d	408	Henry	3
Edward	1307	July 7	19 y	7 m	5 d	373	Edward	1
Edward	1327	Jan. 25	50 y	5 m	7 d	354	Edward	2
Richard	1377	June 21	22 y	3 m	14 d	303	Edward	3
Henry	1399	Sept. 29	13 y	6 m	3 d	281	Richard	1
Henry	1413	Marc. 20	9 y	5 m	24 d	267	Henry	4
Henry	1422	Aug. 31	38 y	6 m	16 d	258	Henry	5
Edward	1461	March 4	22 y	1 m	8 d	220	Henry	6
Edward	1483	April 9	0 y	2 m	18 d	197	Edward	4
Richard	1483	June 22	2 y	2 m	5 d	197	Edward	5
Henry	1485	Aug. 21	23 y	10 m	24 d	195	Richard	3
Henry	1509	April 21	37 y	10 m	2 d	171	Henry	7
Edward	1547	Jan. 28	6 y	5 m	19 d	134	Henry	8
Q. Mary	1553	July 6	5 y	4 m	22 d	127	Edward	6
Q. Elizab.	1558	Nov. 17	44 y	4 m	15 d	122	Q. Mary	
K. James	1603	Mar. 24	22 y	0 m	3 d	78	Q. Elizab.	
Charles	1625	Mar. 27	22 y	10 m	3 d	55	K. James	
Charles	1649	Jan. 30	Longlive the King			31	K. Charles	1

The use of this Table in Example.

King Henry 8 began his Reign in the year of Christ 1509, April 21
He Reigned 37 years, 10 moneths, and 2 days. It is since he began his
Reign 171 years compleat the 22 of April this year 1680. Now to
know the time since the end of his Reign, before his name standing on
the right hand, you shall there find 134 years since he died, January 28.
And so of the rest.

Dove 1680.

The latter part of this
ALMANACK

For the year of our
Lord God 1680 :

Being the Bissextile or Leap-year.

Wherein are contained the Eclipses
with some observations thereon and other
Coelestial observations a rational account
of the nature and qualities of the Planets,
the Numbers, Weights, and Measures
used in England; a Tide-Table, a brief
Table of Accounts exemplified in its uses,
A Table of Interest.

*Quoniam videbo Caeli tuos opera digitorum tuo-
rum; Lunam & Stellis quas tu fundasti, quid est
homo, quod memores ejus aut filius hominis, quo-
niam visus sum. Psal. 8. 3.*

C A M B R I D G E,

Printed by *John Hayes*, Printer to the
University, 1680.

THere will be but two Eclipses this year, and both those of the Sun.

The first happeneth on the 10 day of March at our 10 of the clock before noon, it falls in the 11 degree of *Aries* and will be a great Eclipse in it self, the Moon being in her South Node having but very little Latitude, and so it will appear to those that inhabit the South part of *America*, the *Holy Island*, the *Cape of St Vincent*, &c. therefore both in observation and effect the most to be regarded of them, but to us by reason of the greatness of the Moons parallax it will scarcely be visible.

The second Eclipse will be on the 12 day of September, at 8 at night, and therefore not visible to us, the Sun being under our Horizon before the Moon begins to veil his face. It happeneth in the beginning of the Equinox, and will appear a very great Eclipse to such as navigate near the Port of *S. Peter*, the Island of *Parazo*, &c. these Eclipses being of such foreign concernment both in observation and effect, I think it needless to proceed further in their consideration.

These Eclipses happen the one before the Sun's Apogon, the other after, and that within six months of one another, which when they do happen so, Astronomers take it for a rule that there can be no Lunar Eclipse that year, and when those of the Sun are centrall as here. And although the Sun be much greater than either the Moon or the Earth, yet by reason of the nearness of the Moon to the Earth she may appear sometimes to be greater, and when she is highest and the Sun furthest or in his Apogon: if a centrall Eclipse happen then, the Sun may seem totally eclipsed to some parts of the Earth, but when ☉ is nearest & ☾ in Apogon or at the furthest distance, and if the Eclipse then be centrall there will appear a round ring about the Moon as she is under the Sun, which makes it appear that he is greatest, she being not able then totally to obscure his face, the Moons Parallax likewise will cause the Eclipse to be seen in some places and not in others, as here.

Of

*Of the Mean and True Conjunctions of the Sun, and Moon,
and of the true and visible places of the Moon or Stars.*

THe Conjunctions are said to be mean when the two Lines of both their mean movings do meet in one self point of the Zodiack, making one self line, and they are said to be true when the lines of their true movings do make one self line in one self degree of the Zodiack, so likewise for their oppositions.

The true place of the Moon or any Star is a point in the outermost Heaven, determined by a right line drawn from the very center of the earth through the body of *D* or Star, unto the said outermost Heaven, and the visible place is a point in that heaven determined by a right line drawn from our eye through the body of the Luminary to the said point, and the distance contained between these two points is called the Parallax. And note that the visible place of the Moon is always lower then her true place, unless she be in the Zenith, and then she hath no Parallax, and the further she is from the Earth the less her Parallax, the nearer the greater; there is a three-fold Parallax, first simple, 2 according to Longitude, 3 according to Latitude, and if the Moon be in the Nonagesime degree or 90 degree all one (which is a point in the Ecliptick, dividing the semicircle thereof which is above the Horizon into two equall parts or Quadrants being in the very midst between East and West) then there is no Parallax of Longitude but onely of Latitude, and when the Ecliptick passeth through the Zenith, there is no Parallax of Latitude but onely of Longitude.

A Rule how to know whether the Moon be in the 90 deg.

Observe the horns of the Moon, and if both the Tips of the horns do rightly and perpendicularly hang over one another as thus *C* or thus *D* then she is in the 90 degree of the Ecliptick above the Horizon: but if the upper horn encline more to the East than the nether doth, as thus *E* then she is short of the Nonagesime degree, but if the upper horn be more to the West, then is she past the 90 degree as thus *F*

Some Cælestial observations for this year.

ON the 22 of January ♀ being at her greatest Oriental distance from the Sun may be seen very bright in mornings above two hours before the Sun's rising; ♀ also may be seen attending on her at the latter end of the month and all February; but he continues above 20 degrees behind her approaching every day nearer and nearer the Sun, and on the 19 of March becomes in conjunction with him. On the latter end of January he may be seen near the Swans bill, in February nearest the Swans breast and tail, on the 26 of April he will be at his greatest Occidental distance from the Sun and may be seen in evenings very near the seven Stars having been in conjunction with the brightest of them on the 29 day, he is bright and of a splendid light.

Mars is a morning Star from April to the end of the year rising very early and long before the Sun in November and December; he is of a fiery colour and may be seen with the *Pleiades* on the first of June, above an hour before the Sun rises.

Jupiter may be seen upon the Meridian in January soon after the Sun sets he will then be in the 1 and 4 degrees of ♄, in March and April he will be an evening Star, and on the 3 of May being in conjunction with the Sun becomes Oriental and a morning Star rising every day longer and longer before the Sun.

Mars is Occidental till the beginning of February and then becomes Oriental, and so remains to the years end.

*A brief and Rational account of the Natures,
Qualities, and Sexes of the Planets.*

THe strength and operation of the Planets are distinguished according to their first Qualities, three ways, 1 in Nature, 2 in Quality, 3 in Sex, according to their Nature they are counted hot and cold, dry and moist, from whence it comes to pass that some are counted beneficial and wholesome, some hurtfull and destructive

fructive, fruitfull and barren: but we must not think that these qualities are truly in them, but rather such virtues effecting such qualities, for according to their innate force, and greatness of heat they or any other Stars induce such qualities in the Elements or elementated bodies by their irradiation and motion.

The Sun the fountain and original of heat and light is placed by late Astronomers in the center of the World moving about his own axis, and by virtue of this motion are the rest of the Planets moved; he by his great vigor and fervency of heat whirling about the fluid matter, and that the vast bodies of the Planets from whence it is that those that are nearest do move swiftest, as ♀ and ♀ like a while pool those parts that are highest the middle are with exceeding force whirled about, those further off with less force and slower motion. I shall not now shew the reasons that induced some to count the Sun to be the center of the Universe but onely speak of the Nature of the Planets.

Sol is counted moderately hot and a little dry: & therefore heats and gently dries.

Mercury the next above the Sun performing his revolution in 88 days is of a variable nature, sometimes dry by reason of his nearness to the Sun, sometimes moist by reason of his nearness to the Earth and Moon; for he is not always at a distance.

Venus the next above ♀ performs her revolution in 225 days, she is hot but more moist, for being near the Sun she is judged to be hot, but being of a great magnitude and near to the Earth she attracts many vapours by which the Air is refrigerated, and her heat is made less; and for this reason is counted more moist.

The Moon being a secondary Planet moves about the Earth in 27 d. 7 h. 43 m. she is counted moist, because being nearest the Earth she has a greater influence upon it attracting the moist humors, & moistens the Air, making the subjected bodies soft. she has likewise some force in heating by reason of her light & heat received from the ☉.

Mars is said to be hot and dry intemperately by reason of his nearness to the Sun (being the highest of the three upper Planets, and according to *Copernicus* next above the Earth) and of his more solid substance, and fiery heat, and therefore the vapours he draws from other Stars he dissipates and consumes, he performs his revolution in 1 year 321 days, and 23 hours.

Jupiter performs his revolution in 11 years 317 days 15 hours, he is said to be hot and moist temperately, and therefore who'some because he is in the midst between ♂ who is cold, and ♂ intemperately hot and boiling; but because of the greatness of his body and light he attracts the vapours and moisten; but not many, being so far distant from the Earth.

Saturn is the highest of the Planets, and performs his revolution in 29 years 174 days, 4 hours: he is said to be cold and a little dry, because he being the furthest distant from the Sun but weakly receives his rays, and therefore affords but a weak heat, which in respect of us is but to cool: and being furthest from the Earths humid vapours, he does a little compress them with his weak heat, and so dries.

From what hath been said it may appear why some Stars are counted good and fortunate, some hurtfull and destructive, for ♂ and ♀ being temperately hot and moist, are counted good and fortunate, but ♂ is counted most beneficent, because heat is perfectly predominant in him, but ♀ being less temperately hot by reason of the abundance of her moisture is counted less fortunate.

The Moon by reason of her weak heat and exuberance of humidity is judged less beneficent and fortunate, but at full she is esteemed more beneficent, because then she has heat in some degree proportional to her moisture.

Saturn and *Mars* are said to be hurtfull and destructive; ♂ by reason of his abominable cold, and worse nature is judged more unfortunate; ♂ being most fervent and exceeding dry is counted the less unfortunate.

The Sun and *Mercury* are judged to be of a variable and

and middle nature, good with good, and evil when in conjunction with evil.

The Planets likewise according to their Qualities are counted some diurnal, some nocturnal, those are said to be diurnal which do exert their operations chiefly in the day, as the Sun, and those that incline to his nature, as π and η and the one of these is counted beneficent, the other hurtfull: the nocturnal are those that operate most in the night, as the Moon, and those of her nature as φ and δ , and one of these is said to be good and wholesome, the other pernicious and destructive. φ is counted variable, sometimes diurnal, sometimes nocturnal.

The Planets also are said to be of such a Sex either Masculine or Feminine, the more mighty and valid are masculine, the weaker are feminine. As in all things the males are most valid & vigorous, the females more weak and timorous; the masculine Planets are η π δ \odot because heat is predominant in them: but ν and φ are feminine, because in them humidity is predominant.

The Planets are also judged to be more pure in their Apogons, because then they are nearest the first Sphere and furthest from all gross matter; but in their Perigons they are esteemed less pure but more robust and strong being then nearest to the passive subject.

I shall not proceed to shew you the nature of such as are born under the Planets, because it has been done formerly: but onely advertise you concerning it and tell you why such are said to be born under such Planets, and therefore are of such a temper and inclined to such and such vices or vertues; in a word then Genethliacal Astrologers observe the time of Nativity, and by erecting a figure at that instant find the ruling Planet, and according to his nature and quality predict of the nature quality, and fortune of the Person then born, from whence it comes to pass that some to extenuate their viciousness pretend absolute necessity of following their corrupt inclinations, as if that would serve for an excuse, but it is not the Stars but our native corruption which must be

blamed, and we our selves must bear the punishment due to our wickedness: the Stars indeed may have a general influence upon elementary subjects as to change the disposition of the Air, &c. but to seek our fortunes from the Stars is too curious if not Unchristian, we should rather stay our selves in the wonderfull Providence of our Great Creator, and rest in those things that may be known, and which are demonstrable by the principles of Nature.

Of the Nature of the fixed Stars.

THeir force and efficacy are many ways considered and esteemed.

1. According to their Magnitude, the greater are judged more efficacious, the lesser more weak.

2. According to their Light, the more lucid effect most those that twinkle much are judged to effect great conurbations, those of solid light are efficacious, the obscure and cloudy ones cause obscure and evil effects.

3. According to their Colour, those of a candid and splendid colour are of the nature of ♀, those that are clear and splendid & a little red retain the nature of ☉.

The most splendid and yellowish the nature of ♀, the white pale and dull the nature of ☽, the red of ♂, the leaden ♄, the splendid ashy of ♀, the nebulous and maculous of ♀ ♂, the dark of ♀ ♄.

The fixed Stars are also esteemed according to the part of the Heavens they are in.

Those in the Zodiack are judged more strong and efficacious than the other, because being in conjunction with the Planets they receive of their force and quality.

These likewise of North declination are preferred before the Southern thus much may suffice concerning the Natures of the Stars, much may be said, but the Stars being at such a vast distance, their natures can be but conjectured at; and not absolutely and undeniably concluded to be so, and therefore I say no more.

Dece 1680.

A Table whereby you may find the time of high water at many Havens in and about England, and how many hours and minutes are to be added to the time of the Moons coming to the South for the time of high water, and likewise what Moon makes a full Sea at those Havens.

South and North	Quinborough, Southampton, Portsmouth, Isle of Wight, Spits, Kentish-knock.	Ho.M	
S. by w.	Rocheſter, Malden, Aberdeen, Redband.	0	45
S S. w.	Graveſen, Downs, Ramney, Tenner, Silly.	1	30
S. w. by S	Dundee S. Andr, S Lucas, Belliſle, Holyiſl.	2	15
S. w.	Lon. Tinnout, Hartpool, Whitebay, Amſ.	3	0
S. w. by w.	Barwi, Flambrough-h. B. idlington bay.	3	45
W. S. w.	Scarborow, Severn, Mounts-bay, Kingſale.	4	30
W. by S.	Newcaſt. Humber, Falmouth, Dartmouth.	5	15
E. and w	Plimouth, Weymou, Hull, Lyn, Antwerp.	6	0
E. by S.	Briſtol, Foulneſs at the ſtair.	6	45
B. S. E	Milford, B. idgew. Landſen, Waterford.	7	30
SE. by E	Portlan. Peterport, Harſew, Hague, Dubl.	8	15
S. E	Pool, S. Hellen Oikney, Carnes, Man Iſle	9	0
SE. by S.	Needles, Laiſto, North & South forelands	9	45
S. S. E	Yarmout, Dover, Harwich, Calice-Road.	10	30
S by E.	Ry, Wincheſey, Gorce, Thames, Rhodes	11	15
Moons	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Moon	
age.	16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	age	
is South	12 1 2 3 4 5 6 7 8 9 10 11 12	H.	
at	48 36 24 12 0 48 36 24 12 0 48 36 24 12 0	M.	

The Tide Table Explained.

IN the firſt Column you have the point of the Compaſs to the which the Moon coming maketh full Sea at thoſe Havens mentioned in the ſecond Column, and in the

Dove 1680.

the third Column are the hours and minutes to be added to the time of the Moons southing. I shall make it plain by an example.

The 6 of March, this year 1680 I would know at what hour it will be full Sea at London-bridge. First I find the Moons age in the former part of the Almanack, (accounting it from the Change) to be 15 days old, which age I find at the bottom of the Tide table, and under the same 12 hours, the time of the Moons coming to the South, then finding in the first Column that a South-west Moon makes full Sea at London. I add to her southing 3 hours as is shewed in the last Column, and it makes 15 hours, from whence I take 12 for midnight & there remains 3 hou. in the morning, the time of full Sea at London-Bridge; also observe that when the Moon cometh to the contrary (or North-east) point it is there full Sea again.

Of some measures, weights, and numbers used in England.

ALle and Beer is measured by Pints, Quarts, Pottles, Gallons, Firkins, Kilderkins, and Barrels; yet with this difference, that the Barrel of Beer contains 36 Gallons, the Barrel of Ale but 32 Gallons.

First therefore you are to understand, that in Beer-measure one Barrel is 2 Kilderkins, 4 Firkins, 36 Gallons, 72 Pottles, 144 quarts, 288 Pints.

Secondly, one Kilderkin is 2 Firkins, 18 Gallons, 36 Pottles, 72 Quarts, or 144 Pints.

Thirdly, one Firkin is 9 Gallons, 18 Pottles, 36 Quarts, 72 Pints.

Fourthly,

Dove 1686.

Fourthly, 5 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.
Fifthly, 1 Pottle is 2 Quarts, 4 Pints. One Quart is 2 Pints.

But in Ale measure, one Barrel is 2 Kilderkins, 4 Firkins, 32 Gallons, 64 Pottles, 128 Quarts, 256 Pints.

Secondly, 1 Kilderkin is 2 Firkins, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.

Thirdly, 1 Firkin is 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fourthly, 1 Gallon is 2 Pottles, 4 Quarts, 8 Pints.

Fifthly, 1 Pottle is 2 Quarts, or 4 Pints 1 Quart 2 Pints.

Of Wine, oyl, and honey.

A Gallon of Wine contains 8 pound Troy weight, by which the following vessels are measured; namely, 1 Tun makes 2 Butts, 4 Hogsheads, 8 Barrels, 16 Rundlets, 256 Gallons, 504 Pottles, 1008 Quarts, or 2016 Pints.

Secondly, 1 Butt or Pipe is 2 Hogsheads, 4 Barrels, 7 Rundlets, 126 Gallons, 252 Pottles, 504 Quarts, or 1008 Pints.

Thirdly, 1 Hogshead makes 2 Barrels, 3 Rundlets & an half, 63 Gallons, 126 Pottles, 252 Quarts or 504 Pints.

Fourthly, 1 Barrel makes 1 Rundlet & 3 parts, 1 Gallon and an half, 63 Pottles, 126 Quarts, 252 Pints.

Fifthly, 1 Rundlet is 18 Gallons, 36 Pottles, 64 Quarts or 128 Pints. Lastly, 1 Gallon is 2 Pottles, 4 Quarts, or 8 Pints.

Of grain.

All sort of Grain is measured by Troy weight, whereof 8 pounds make a Gallon, of which are made the following measures of Pints, Quarts, Gallons Pecks, and Bushels.

First you are to know, that the greatest measure of any kind

Year 1680.

kind of Grain is a Last, which contains 16 Quarters, 32 Cornooks, or Coombs, 40 Strikes, 80 Bushels, 320 Pecks, 640 Gallons, 2560 Quarts, or 5120 Pints.

Secondly, 1 Quarter makes 2 Cornooks, 4 Strikes, 8 Bushels 32 Pecks, 64 Gallons, 256 Quarts, or 512 Pints.

Thirdly, 1 Strike is 2 Bushels, 8 Pecks, 16 Gallons, 32 Pottles, 64 Quarts, or 128 Pints.

Fourthly, one Bushel is 4 Pecks, 8 Gallons, 16 Pottles, 32 Quarts, or 64 Pints.

Fifthly, 1 Peck is 2 Gallons, 4 Pottles, 8 Quarts, or 16 Pints.

Of Iron and Lead.

Iron is numbred by the pound, hundred, and Tun; and Lead by the pound, hundred, and Fodder. One Tun of Iron is 20 hundred, or 2240 pound; and an hundred weight is 112 pound.

Again, 1 Fodder of Lead is 19 hundred and an half, and an hundred weight is 112 pound.

And here also take notice, that Tin, Copper, and Lattin have 112 pounds to the hundred.

Of Fish.

Ling, Cod, or Haberdine, have 124 to the hundred; Stock-Fish and Herring 120 to the hundred, and 10000 to the Last, which is 12 Ale Barrels. Some Statutes measure Salmon, and Eels by Ale measure.

Of Furrs.

Grays, Martins, Sables, Jenics, Minks, and Filches, have 4 skins in the Timber, Lamb, Coney, Kid, Cat, and Budge, have five score in the hundred.

Calves skins are reckoned by the dozen, and Goats by the kip, which is 50 skins. A Last of Leather is 20 Dickers, or 200 Hides, a Dicker is 10 Hides.

Of Paper and Parchment.

A Bale of Paper is 10 Ream, or 1000 Quires; a Ream is 20 Quires, or 500 Sheets; a Quire is 25 Sheets.

A Rowl of Parchment is 5 dozen, or 60 Skins; a dozen is 12 Skins.

Of Wooll.

A Stone of Wooll is 14 pound; a Tod 28 pound; 6 Tods and an half make a Wey, which is 182 pound; two Weys make a Sack or 364 pound; and 12 Sacks make a Last, which is 4368 pound: so that a Sack of Wooll contains 26 Stone, and a Last 156 Tods, or 312 Stone.

Of a year.

A N exact solar year contains 365 days, 5 hours, 49 minutes, and 4 seconds: otherwise it contains 12 solar moneths, 52 weeks, 365 days, 8765 hours, or 525949 minutes.

Of Weights in general.

O F Weights there are two sorts used in England, viz. Troy weight and Avoirdupois. In Troy weight 24 grains of wheat make a peny weight, 20 peny weight make an ounce, 12 ounces a pound. by this weight are weighed Pearls, pretious Stones, Gold, Silver, Bread, and all manner of Corn and Grain.

The pound Avoirdupois contains 16 ounces, but the ounce Avoirdupois is lighter then the ounce Troy by almost one 12 part, so that 60 pound Avoirdupois is equal to 73 pound Troy; by this weight is weighed all Grocery-ware, Flesh Butter; Cheese, Iron, Hemp, Tallow, Wax, Lead; and all things whereof comes waste.

A Table of Accounts.

The Price of Commodity by the Tun, Hundred, Pound, Ounce, Dozen, Yard, Ell, &c.

The Quantity of the Commodity to be bought or sold.

	1 Farth.			1 Penny.			3 Pence.			4 Pence.			10 Pence.		
	s.	d.	q.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
1	0	0	0	10	0	0	0	0	3	0	0	4	0	0	0
2	0	0	0	20	0	0	0	0	6	0	0	8	0	0	0
3	0	0	0	30	0	0	0	0	9	0	0	1	0	0	0
4	0	0	1	00	0	0	0	0	1	0	0	4	0	0	0
5	0	0	1	10	0	0	0	0	1	0	0	8	0	0	0
6	0	0	1	20	0	0	0	0	1	0	0	2	0	0	0
7	0	0	1	30	0	0	0	0	1	0	0	3	0	0	0
8	0	0	2	00	0	0	0	0	2	0	0	3	0	0	0
9	0	0	2	10	0	0	0	0	2	0	0	3	0	0	0
10	0	0	2	20	0	0	0	0	2	0	0	3	0	0	0
20	0	0	5	00	0	0	0	0	5	0	0	6	0	0	0
30	0	0	7	10	0	0	0	0	7	0	0	10	0	0	0
40	0	0	10	00	0	0	0	0	10	0	0	13	0	0	0
50	1	0	0	20	0	0	0	0	13	0	0	16	0	0	0
60	1	0	3	00	0	0	0	0	15	0	0	0	0	0	0
70	1	0	5	20	0	0	0	0	17	0	0	3	0	0	0
80	1	0	8	00	0	0	0	0	1	0	0	6	0	0	0
90	1	0	10	20	0	0	0	0	2	0	0	10	0	0	0
100	2	0	0	00	0	0	0	0	5	0	0	13	0	0	0
	1 Shill.			3 Shill.			5 Shill.			8 Shill.			1 Lib.		
	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.	l.	s.	d.
1	0	1	0	0	3	0	0	5	0	0	8	0	1	0	0
2	0	2	0	0	6	0	0	10	0	0	16	0	2	0	0
3	0	3	0	0	9	0	0	15	0	0	24	0	3	0	0
4	0	4	0	0	12	0	0	20	0	0	32	0	4	0	0
5	0	5	0	0	15	0	0	25	0	0	40	0	5	0	0
6	0	6	0	0	18	0	0	30	0	0	48	0	6	0	0
7	0	7	0	0	21	0	0	35	0	0	56	0	7	0	0
8	0	8	0	0	24	0	0	40	0	0	64	0	8	0	0
9	0	9	0	0	27	0	0	45	0	0	72	0	9	0	0
10	0	10	0	0	30	0	0	50	0	0	80	0	10	0	0
20	1	0	0	0	60	0	0	100	0	0	160	0	20	0	0
30	1	10	0	0	90	0	0	150	0	0	240	0	30	0	0
40	2	0	0	0	120	0	0	200	0	0	320	0	40	0	0
50	2	10	0	0	150	0	0	250	0	0	400	0	50	0	0
60	3	0	0	0	180	0	0	300	0	0	480	0	60	0	0
70	3	10	0	0	210	0	0	350	0	0	560	0	70	0	0
80	4	0	0	0	240	0	0	400	0	0	640	0	80	0	0
90	4	10	0	0	270	0	0	450	0	0	720	0	90	0	0
100	5	0	0	0	300	0	0	500	0	0	800	0	100	0	0

The description and use of the foregoing Table

The Table consisteth of several Columns, the first Column towards the left hand, contains the quantity of any Commodity bought or sold from 1 Pound, 1 Yard, 1 Ell, 1 Dozen, 1 Peck, 1 Bushell, 1 Pipe, 1 Barrell, &c. in this order beginning at 1 & ending at 100, at the top of the Table is the Price of any Commodity from 1 Farth, the Pound, Yard, &c. to 10 pence, as 1 farthing, 1 peny, 3 pence, 4 pence, 10 pence: so likewise in the lowermost Columns from 1 shilling to 1 pound, as 1 shill, 3 shill, 5 shill, 1 pound but some examples will make it plain.

First then at 19 the pound what will 70 pound weight comes to look in that col. that hath 1 farth, at the head thereof, & against 70 in the 1st col. you shall find 15 5^d 29 & so much will 70 pound weight cost at 1 far. the pound, in like manner is to be done for any such like question.

Secondly, suppose a pound, yard, &c. cost 15 4^d 19 what will 50 cost? first look 50 in the first col, & right against it in that col. that hath 1^s on the head you will find 2 10^s 0^d then look in the Col. that hath 4^d over it and against 50 in the first Col. you shall find 0 16 8 so likewise in the Col. whose title is one farthing you shall find against 50 15 0^d 29 write down these three summs and add them together thus

thus may you see that 50 yards at 15 4^d 19 the yard will cost 3 7^s 8^d 29 so 150 yards will be three times so much 200, 4 times, Suppose again 2 quart of any thing cost

	l.	s.	d.	q.
15 4 ^d 19	2	10	0	0
0 16 8	0	16	8	0
0 1 0 2	0	1	0	2
3 7 8 2	3	7	8	2

5 pence or 9^d now these you will not find in the Table but you may find 4^d & 1^d and 4^d 3^d and 1^d which doubled will make 9^d which write out severally and add them together, as for example at 5^d the pound what will 20 cost, look in the Col. whose title is 4^d and against 20 in the first Col. you will find 6^s 8^d and in the Col. whose title is 1 peny you will find 1 8

so much will 20 po. weight cost, the sum 8 4 at 5^d the pound, and if it be demanded what 150 pound will cost, first look what 100 comes to, then 50 and add them together and you shall have your desire, and so for brevity sake is to be done for any the like question.

Dove 1680.

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds, for a year or under, after the rate of six pounds in the hundred.

	1 Mon			3 Mon			6 Mon			9 Mon			A years		
	sh	p	q	sh	p	q	sh	p	q	sh	p	q	sh	p	q
5	0	0		1	0		3	0	1	3	0	1	2	0	3
10	0	0		2	0	1	3	0	3	2	0	5	0	0	7
15	0	0		3	0	2	2	0	5	1	0	8	2	0	10
20	0	1		4	0	3	2	0	7	0	0	10	2	1	2
25	0	2		5	0	4	3	0	1	1	9	1	2	4	3
30	0	3		6	0	5	4	0	2	1	9	2	3	6	3
35	0	4		7	0	6	5	0	3	2	0	3	4	9	0
40	0	5		8	0	7	6	0	4	3	0	4	6	0	0
45	0	6		9	0	8	7	0	5	4	0	5	7	2	1
50	0	7		1	0	9	8	0	6	5	0	6	8	4	3
55	0	8		2	0	1	9	0	7	6	0	7	9	6	3
60	0	9		3	0	2	0	0	8	7	0	8	10	9	0
65	0	10		4	0	3	1	0	9	8	0	9	11	12	0
70	0			5	0	4	2	0	10	9	0	10	12	14	0
75	0			6	0	5	3	0	11	10	0	11	13	16	0
80	0			7	0	6	4	0	12	11	0	12	14	18	0
85	0			8	0	7	5	0	13	12	0	13	15	20	0
90	0			9	0	8	6	0	14	13	0	14	16	22	0
95	0			10	0	9	7	0	15	14	0	15	17	24	0
100	0	10		11	0	10	8	0	16	15	0	16	18	26	0

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, or twelve months.

FINIS.